

WHAT IS CLAIMED IS:

1. A disk centering system comprising:

a disk mount portion on which a disk form recording medium is mounted, and

at least three disk centering portions for pressing the outer circumferential edge of said disk form recording medium, said disk centering portions being disposed in radial directions, with a reference point set at an arbitrary position of said disk mount portion as a center, wherein each of said disk centering portions can be moved between a centering position at which said disk centering portion makes contact with said outer circumferential edge of said disk form recording medium mounted on a disk mount surface so that the center of rotation of said disk form recording medium substantially coincides with said reference point and a stand-by position located on the outer side of said centering position with reference to said reference point.

2. The disk centering system as set forth in claim 1, wherein

said centering positions are spaced by an equal distance from said reference point in the radial directions with said reference point as a center.

3. The disk centering system as set forth in claim

1, wherein

said disk centering portions are moved between said centering positions and said stand-by position by rotating said disk centering portions.

4. The disk centering system as set forth in claim 1, wherein

said disk centering portions are moved between said centering positions and said stand-by positions by moving said disk centering portions rectilinearly in said radial directions.

5. The disk centering system as set forth in claim 1, wherein

said disk mount surface is formed as a recessed curved surface.

6. The disk centering system as set forth in claim 1, wherein

said disk centering portions are so supported as to be movable in substantially the same direction as the center axis of said disk form recording medium mounted on said disk mount surface, and

said disk centering portions are retracted into the inside of said disk mount portion when located at said stand-by positions and are projected from said disk mount surface when moved from said stand-by positions toward

said centering positions.

7. The disk centering system as set forth in claim 1, wherein

said plurality of disk centering portions are moved synchronously with each other.

8. The disk centering system as set forth in claim 1, further comprising:

a disk lift-up portion supported on said disk mount portion so as to be movable in substantially the same direction as the center axis of said disk form recording medium mounted on said disk mount surface, said disk lift-up portion lifting up said centered disk form recording medium to a chucking position for chucking of said disk form recording medium by being moved in a direction for spacing away from said disk mount surface.

9. The disk centering system as set forth in claim 8, wherein

said disk lift-up portion is moved upwards together with said disk centering portions so as thereby to lift up said centered disk form recording medium to said chucking position for chucking of said disk form recording medium.

10. The disk centering system as set forth in claim 9, wherein said disk lift-up portion and said disk

centering portions are formed as one body with each other.

11. The disk centering system as set forth in claim 8, which is provided in a disk drive comprising a disk chucking mechanism for chucking said disk form recording medium at said chucking position, wherein

said disk lift-up portion is moved downwards when the chucking of said disk form recording medium by said disk chucking mechanism at said chucking position is canceled.

12. A recording and/or reproduction system comprising:

a disk mount portion on which a disk form recording medium is mounted;

at least three disk centering portions for pressing the outer circumferential edge of said disk form recording medium, said disk centering portions being provided in radial directions, with a reference point set at an arbitrary position of said disk mount portion as a center, and each of said disk centering portions being movable between a centering position at which said disk centering portion makes contact with said outer circumferential edge of said disk form recording medium mounted on a disk mount surface so that the center of rotation of said disk form recording medium substantially

coincides with said reference point and a stand-by position located on the outer side of said centering position with reference to said reference point; and

a recording and/or reproduction portion for recording and/or reproduction of information onto and/or from said disk form recording medium.

13. The recording and/or reproduction system as set forth in claim 12, further comprising:

a disk chucking mechanism for chucking said disk form recording medium at a chucking position; and

a disk lift-up portion supported on said disk mount portion so as to be movable in substantially the same direction as the center axis of said disk form recording medium mounted on a disk mount surface, said disk lift-up portion being for feeding said disk form recording medium between said centering position and said chucking position; wherein

said recording and/or reproduction portion performs recording and/or reproduction of information onto and/or from said disk form recording medium chucked at said chucking position.